

Steering power aid with steering input shaft to be rotated and driven shaft

Publication number: DE19748667
Publication date: 1998-05-20
Inventor: HASEGAWA AKIRA (JP)
Applicant: TOYOTA MOTOR CO LTD (JP)
Classification:
- **international:** B62D5/04; B62D5/04; (IPC1-7): B62D5/04
- **european:** B62D5/04
Application number: DE19971048667 19971104
Priority number(s): JP19960292910 19961105

Also published as:

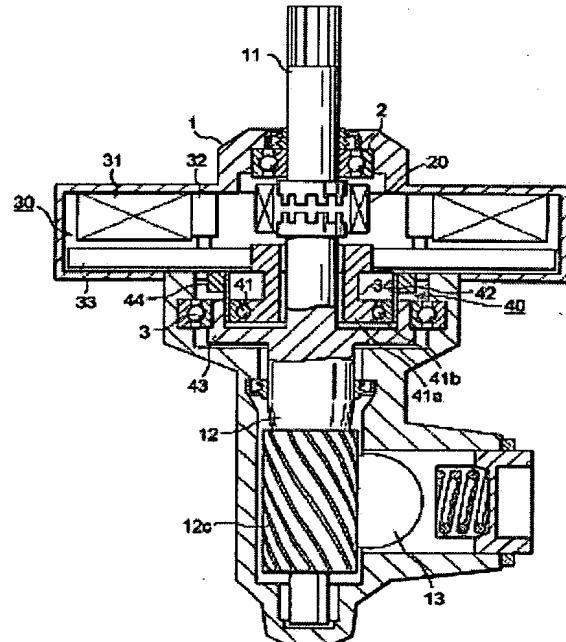


US6012347 (A
JP10129510 (A

[Report a data error](#)

Abstract of DE19748667

The steering power aid is provided with a steering input shaft (11) to be rotated, a steering driven shaft (12), which is aligned to the input shaft (11). A motor (30) is arranged between the input shaft (11) and the driven shaft (12), and is driven correspondingly to a rotation of the steering input shaft. A wave generator (41) of an elliptical cam is connected with a driven shaft (34) of the motor. An elastic deformable wedge section (42) surrounds a peripheral section of the generator (41). A round wedge section (43) is connected with the flexible wedge section and meshes with this. A brush (62) is provided which has electrodes with alternating different polarities. So, so the brush (32) is arranged, so that the electrode, which is in contact with the rotor of the conducting plate motor (30), is changed over on the other, if it is driven thereby, to be subjected to a displacement by the displacement element.



Data supplied from the esp@cenet database - Worldwide

BEST AVAILABLE COPY